

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Original) A heat dissipation platform for output switches of an inverter power source of an electric arc welder, said platform comprising a conductive plate with first and second generally parallel surfaces and a plurality of parallel heat pipes located between said surfaces and extending in a given direction, said switches being mounted on said first surface and closely spaced from each other in said given direction.

2. (Original) A heat dissipation platform as defined in claim 1 including a heat sink of high heat conductivity material with a thin mounting plate on said second surface and integral, parallel fins protruding from said mounting plate in a direction away from said second surface and extending in said given direction.

3. (Original) A heat dissipation platform as defined in claim 2 including fan mounted on said platform to blow air toward said second surface.

4. (Original) A heat dissipation platform as defined in claim 1 including fan mounted on said platform to blow air toward said second surface.

5. (Original) A heat dissipation platform as defined in claim 2 wherein one of said switches is mounted at a first location on said first surface and a second of said switches is mounted at a second location on said first surface and a first fan blowing air toward said second surface at said first location and a second fan blowing air toward said second surface at said second location.

6. (Currently amended) A heat dissipation platform as defined in claim 4 wherein said parallel heat pipes are mounted in grooves in said ~~first surface~~ plate.

7. (Currently amended) A heat dissipation platform as defined in claim 2

wherein said parallel heat pipes are mounted in grooves in said ~~first surface~~ plate.

8. (Currently amended) A heat dissipation platform as defined in claim 1 wherein said parallel heat pipes are mounted in grooves in said ~~first surface~~ plate.

9. (Currently amended) A heat dissipation platform as defined in claim 2 wherein said parallel heat pipes are mounted adjacent said first ~~section~~ surface.

10. (Currently amended) A heat dissipation platform as defined in claim 1 wherein said parallel heat pipes are mounted adjacent said first ~~section~~ surface.

11 -14. (Canceled)

15. (New) A heat dissipation platform as defined in claim 1, wherein said plate comprises a first portion and a second portion.

16. (New) A heat dissipation platform as defined in claim 15, wherein said first portion includes said first surface and said second portion includes said second surface.

17. (New) A heat dissipation platform for at least two output switches of an inverter power source of an electric arc welder, said platform comprising a conductive plate having first and second surfaces and a plurality of parallel heat pipes located between said surfaces and extending in a given direction, a first of said at least two switches being mounted on said first surface at a first location, a second of said at least two switches being mounted on said first surface at a second location, said first surface being continuous between said first location and said second location.